Tanaka

Parts Manual

Cut-off Saw

MODEL EHC-140

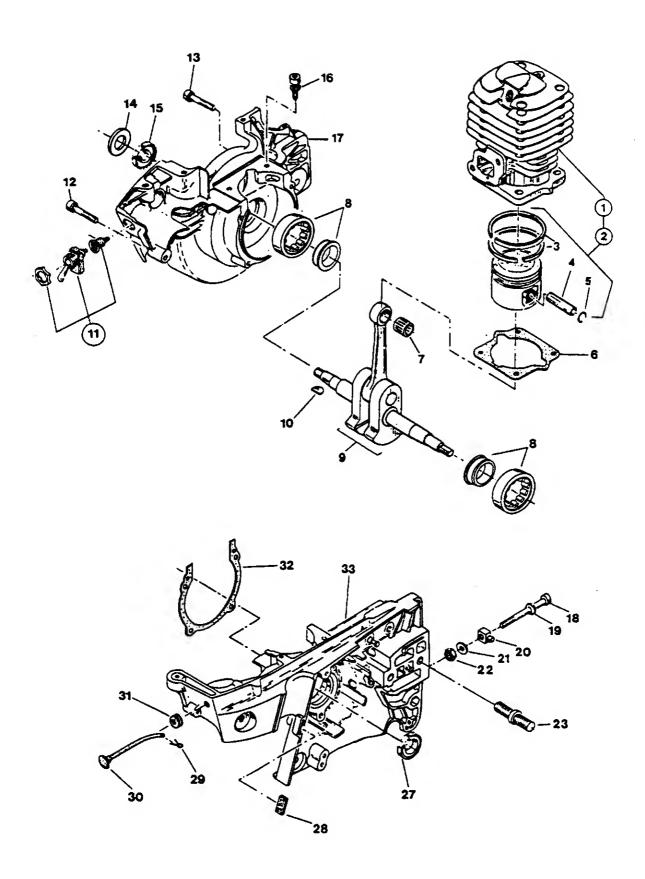
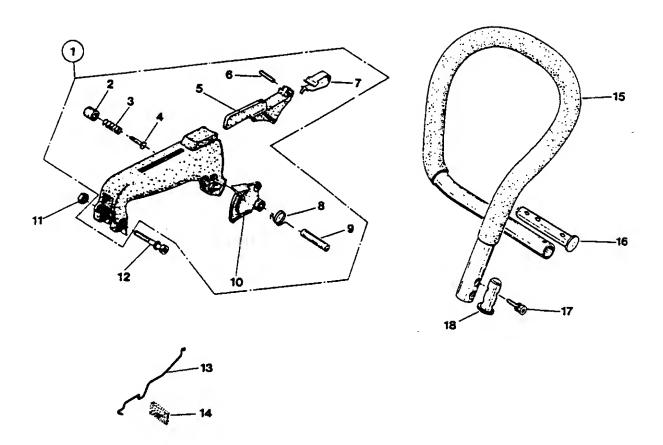


FIG.1 ENGINE

REF.NO	PART NUMBER	DESCRIPTION	QTY	SRL. NO.	REMARKS
1 004	004 400 004	OV INDED (DIOTON ACON			
1-001	031-130-004	CYLINDER / PISTON ASS'Y	1		
1-002	031-132-003	PISTON ASS'Y	1		
1-003		PISTON RING	2		
1-004	031-132-020	PISTON PIN	1		
1-005	119-132-060	CIRCLIP	2		
1-006	965-521-022	CYLINDER GASKET	1		
1-007		NEEDLE BEARING	1		
1-008	960-622-173	ROLLER BEARING	2		
1-009	031-120-000	CRANKSHAFT COMP.	1		
1-010	939-630-370	KEY	1		
1-011	957-605-112	SWITCH	1		
1-012	901-505-302	FILLISTER HEAD SCREW / 5X30	1		
1-013	905-505-305	FILLISTED SCREW / 5X30	4		
1-014		FELT RING	1		
1-015	962-900-054	RADIAL RING	1		
1-016		FILLISTER HEAD SCREW / 6X20	4		
1-017	031-111-022	CRANKCASE, MAG.SIDE	1		
1-018	965-551-051	FILLISTER HEAD SCREW / 6X70	1		
1-019	926-206-000	SPRING WASHER	1		
1-020	123-213-010	SQUARE NUT W/PIVOT	1		
1-021	924-306-400	DISK	1		
1-022	922-606-000	SAFETY NUT	1		
1-023	905-810-354	STUD BOLT	2		
1-027	962-900-051	RADIAL RING	1		
	002 000 00.		•		
1-028	965-402-370	RUBBER BUFFER	1		
1-029		COTTER	1		
1-030	031-150 - 730	CHOKE LEVER	1		
1-031	965-401-011	RUBBER BUSH	1		
1-032	965-518-013	CRANKCASE GASKET	1		
1-033	031-111-000	CRANKCASE, CLUTCH SIDE	1		
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FIG. 2 HANDLES / TANK



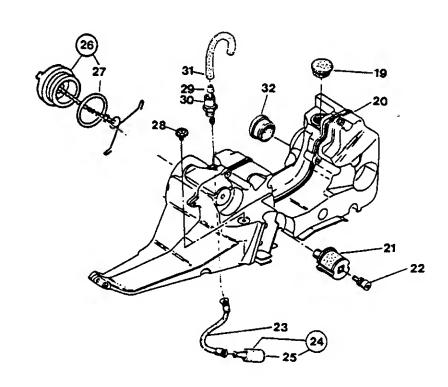


FIG.2 HANDLES TANK

REF.NO	PART NUMBER	DESCRIPTION	QTY	SRL. NO.	REMARKS
2-001	119-117-300	GRIP ASS'Y	1	1	
2-002		BUTTON	1		
2-003		PRESSURE SPRING	1		Ì
2-004	965-551-150	STOP PIN	1		
2-005		CATCH LEVER	1		
2-006		CYLINDRICAL PIN	1		
2-007	119-117-051	SPRING	1	İ	
2-008	119-117-041	SPRING	1		
2-009		CYLINDRICAL PIN	1		
2-010	119-117-021	THROTTLE LEVER	1		
2-011	920-205-000	HEXAGONAL NUT / 5MM	2		
2-012	994-005-307	FILLISTER HEAD SCREW / 5X30	2		
2-013	122-117-054	THROTTLE LINKAGE	1		
2-014	965-402-750	GASKET	1		
2-015	123-310-010	TUBULAR HANDLE	1		
2-016		STRENGTHENING PIECE	1]	
2-017 2-018	991-106-205 122-310-051	FILLISTER HEAD SCREW / 6X20	4		
2-016	122-310-031	STRENGTHENING PIECE	1		
2-019	965-451-710	STOPPER	1		
2-020		TANK	1		
2-021		RUBBER BUFFER	5		
2-022		FILLISTER HEAD SCREW / 6X12	5		
2-023		SUCTION LINE	1		
2-024	963-601-260	FUEL FILTER ASS'Y	1		
2-025		FELT	1		
2-026		FUEL CAP ASS'Y	1		
2-027		O-RING	1		
2-028		RUBBER BUFFER	2		•
2-029 2-030		AIR VALVE	1		
i I	363-432-430	PLASTIC TUBE (16)	1		
2-031 2-032		FUEL LINE (185) STOPPER	1		
2-002	900-401-500	STOFFER	ı		
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FIG.3 CLUTCH / SIDE COVER

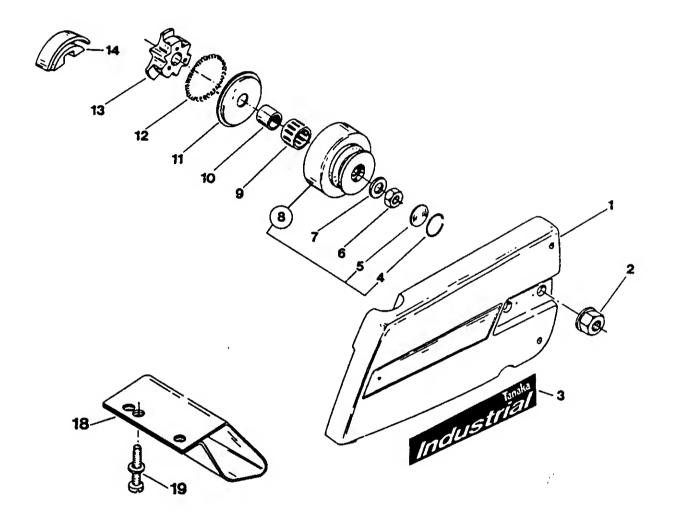


FIG.3 CLUTCH / SIDE COVER

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REF.NO	PART NUMBER	DESCRIPTION	QTY	SRL. NO.	REMARKS
3-001	398-213-040	SPROCKET GUARD	1		
3-002		HEX NUT / 10MM	2		
3-003		DECAL	1		
3-004		SNAP RING	i	:	
3-005		COVER DISK	i		
3-005		HEX NUT, LEFT / 10X1			
			1		
3-007		DISK	1		ĺ
3-008		CLUTCH DRUM ASS'Y	1		·
3-009		NEEDLE BEARING	1		
3-010		INNER RING	1	į.	
3-011		GUIDE DISK	1		
3-012	122-184-011	CLUTCH SPRING	1		
3-013	122-182-011	СLUТСН НИВ	1		
3-014	123-181-010	CLUTCH SHOE (SET)	1		
3-018		FOOT	1	•	1
3-019	990-006-354	FILLISTER HEAD SCREW / 6X35	2		
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FIG.4 RECOIL STARTER / IGNITION

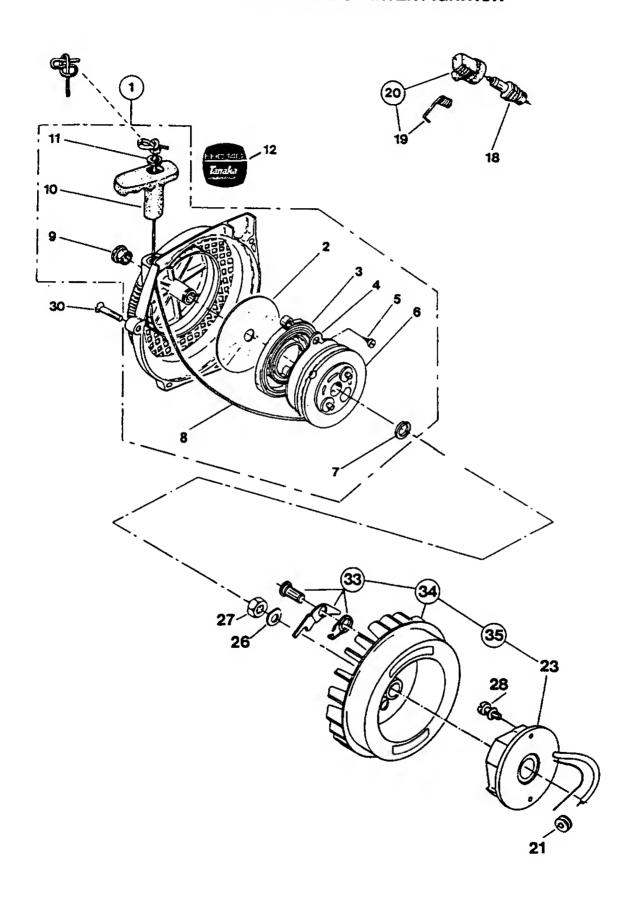


FIG.4 RECOIL STARTER / IGNITION

REF.NO	PART NUMBER		•	1	
	. All HOMDEN	DESCRIPTION	QTY	SAL. NO.	REMARKS
4-001	123-112-100	RECOIL STARTER ASS'Y	1		
4-002		SPACER	1	1	<u></u>
4-003	123-163-012	RECOIL SPRING	1		
4-004		SPRING COVER	1	i	
4-005	907-204-102	THREAD FORMING SCREW	1		
4-006	123-162-031	CABLE DRUM	1		
4-007		SNAP RING	1		
4-008		STARTER ROPE	1		•
4-009		STOPPER	1	1	
4-010	965-402-470	STARTER HANDLE	1		
4-011		DISK	1		
4-012	980-113-400	DECAL	1		
4-018		SPARK PLUG	1		
4-019		CONTACT SPRING	1		
4-020		SPARK PLUG CAP ASSY	1		
4-021		RUBBER GROMMET	1		
4-023		MAG PLATE COMP.	1		
4-026	928-308-001	SPRING WASHER	1		
4-027	920-308-024	HEX NUT / 8X1	1		
4-028		FILLISTER HEAD SCREW / 4X15	2		
4-030		FILLISTER HEAD SCREW / 5X25	4	l	
4-033		STARTER RATCHET ASSY	2		
4-034		FLYWHEEL	1		
4-035		IGNITION ASS'Y	1		
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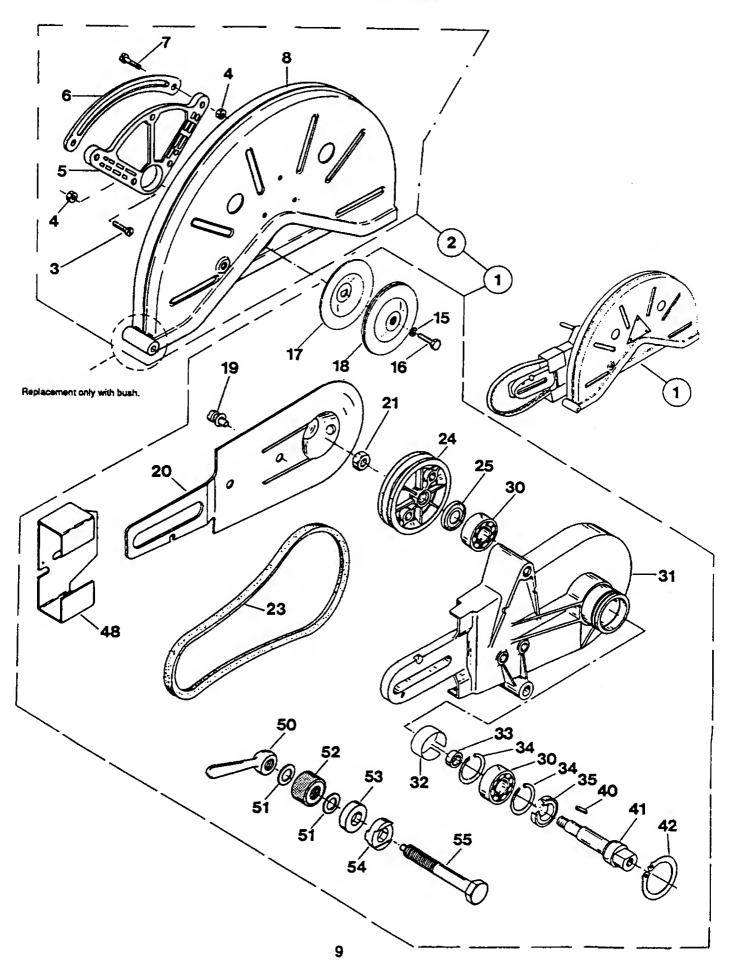


FIG.5 CUTTER ASS'Y

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REF.NO	PART NUMBER	DESCRIPTION	QTY	SRL. NO.	REMARKS
5-001	392-000-011	CUTTING DEVICE ASS'Y	1		
5-002	392-341-300	BLADE COVER ASS'Y	1		
5-003	901-506-202	FILLISTER HEAD SCREW / 6X20	3		
5-004	920-406-000	SAFETY HEX NUT / 6MM	5		
5-005	395-341-173	SWIVEL SEGMENT	1		
5-006	392-341-040	CLAMP	i		
5-007		FILLISTER HEAD SCREW / 6X25	2		
5-008	392-341-110	BLADE COVER	1		1,0
5-015	928-210-000	SPRING RING	1		
5-016	907-310-204	FILLISTER HEAD SCREW, LH	1		
5-017	392-228-350	PRESSURE DISK	1	ļ	
5-018	392-228-340	PRESSURE DISK	1		
5-019	900-208-202	HEX SCREW	2		
5-020		GUARD PLATE	1	Į.	
5-021	920-210-000	HEX NUT	1		
5-023	965-300-440	V-BELT	1		
5-024	392-221-011	PULLEY	1		
5-025	963-815-320	PACKING RING	1		
5-030	960-102-151	BALL BEARING	2		
5-031	392-211-110	GEAR HOUSING	1		
5-032	398-211-090	BUSHING	1		
5-033	900-005-009	SPACER	1		
5-034	929-235-150	SNAP RING	2		
5-035	962-900-036	RADIAL RING	1		
5-040		KEY	1		
5-041	398-228-013	SHAFT	1		
5-042	929-145-175	SNAP RING	1		
5-048	392-211-080	HAND GUARD	1		
5-050		HANDLE	1		
5-051	925-300-000	WASHER	2		
5-052		SPRING HOUSING	1		
5-053		WASHER	1		
5-054		WASHER	1		
5-055	392-341-070	HEX SCREW	1		,
				1	

FIG.6 AIR CLEANER / MUFFLER

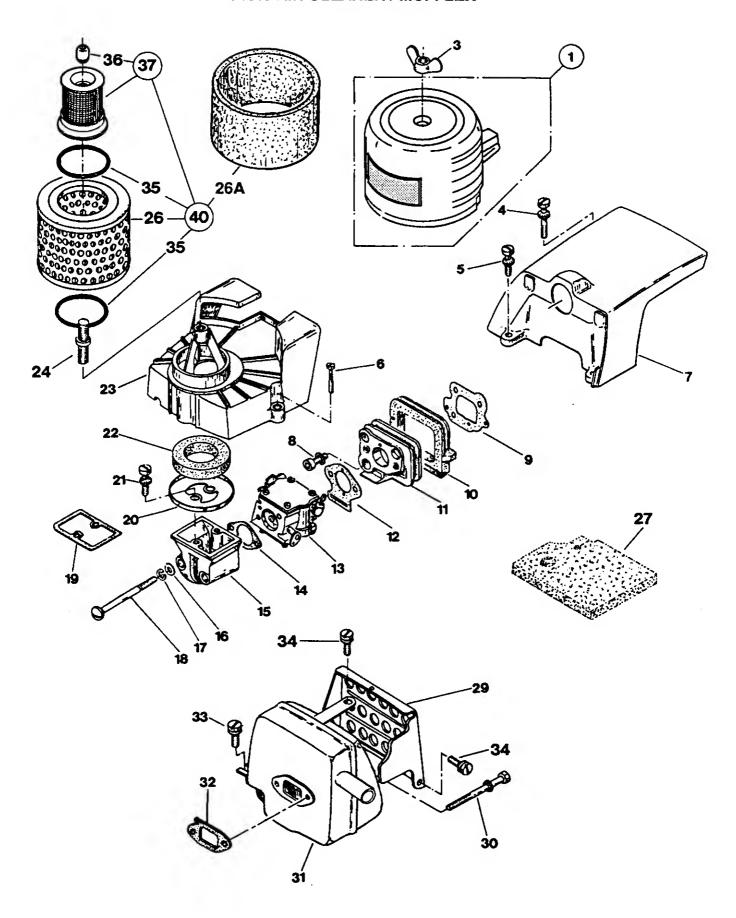


FIG.6 AIR CLEANER / MUFFLER

REF.NO	PART NUMBER	DESCRIPTION	QTY	SRL. NO.	REMARKS
6-001	392-118-050	FILTER COVER ASS'Y	1		·
6-003	921-708-000	WING NUT	1		
6-004	990-005-405	FILLISTER HEAD SCREW / 5X40	1		
6-005	990-005-165	FILLISTER HEAD SCREW / 5X16	2		
6-006		FILLISTER HEAD SCREW / 5X25	2		
6-007		HOOD	1		
6-008	991-105-257	FILLISTER HEAD SCREW / 5X25	3		
6-009	965-518-110	GASKET	1	1	
6-010	133-131-041	GASKET	1		
6-011	133-131-051	INTERMEDIATE FLANGE	1		
6-012	965-518-030	GASKET	1		
6-013	122-151-620	CARBURETOR ASS'Y	1		
6-014	965-518-090	GASKET	1		
6-015	144-171-030	CONNECTING SLEEVE	1		
6-016	924-105-300	DISK	2		
6-017	926-105-001	SPRING RING	2		
6-018	905-105-804	FILLISTER HEAD SCREW / 5X80	2		
6-019	965-516-090	GASKET	1		
6-020	144-171-040	CONNECTING PLATE	1		
6-021	990-005-124	FILLISTER HEAD SCREW / 5X12	2	į	
6-022	965-402-960	GASKET	1		
6-023	123-118-051	HOOD	1		
6-024	905-808-554	STUD	1		
6-026		AIR FILTER	1		
6-026A	122-173-000	PRE-FILTER			
6-027	965-402-851	COVER, FOAM PLATE	1		
6-029	398-174-122	HEAT SHIELD	1		
6-030	994-006-656	FILLISTER HEAD SCREW / 6X65	2		
6-031	123-174-158	MUFFLER	1		
6-032	965-518-051	GASKET	1		
6-033	994-005-127	FILLISTER HEAD SCREW / 5X12	1		
6-034	991-105-107	FILLISTER HEAD SCREW / 5X10	2		
6-035	963-257-070	O RING	2		
6-036	965-401-022	RUBBER BUSHING	1		
6-037	001-173-020	INNER FILTER COMP.	1		
6-040	001-173-030	FILTER ASS'Y	1		

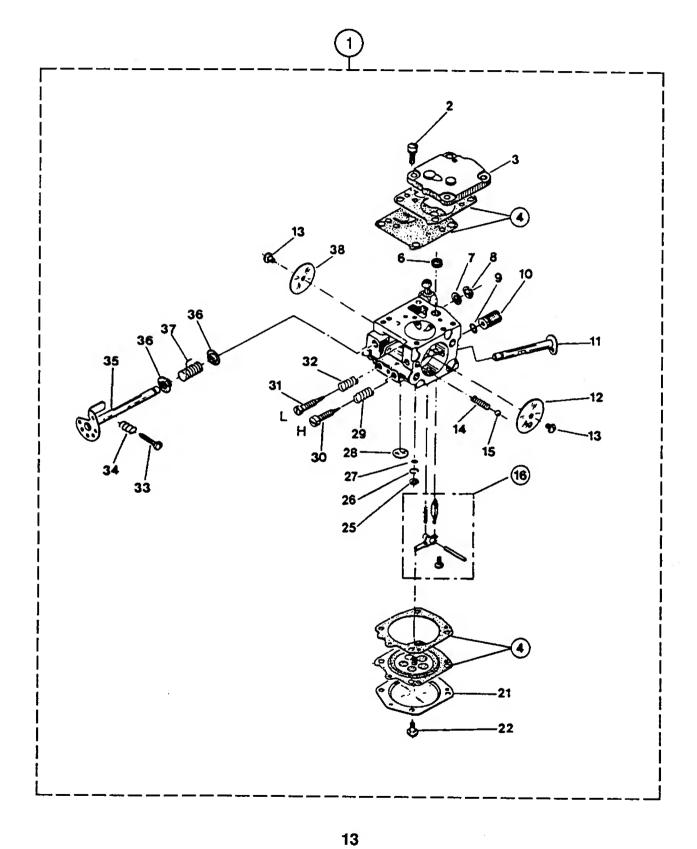


FIG.7 CARBURETOR

REF.NO PART NUMBER DESCRIPTION OTY SRL. NO. REMARKS				T	T	
7-002 113-150-170 PUMP COVER 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	REF.NO	PART NUMBER	DESCRIPTION	QTY	SRL. NO.	REMARKS
7-002 113-150-170 PUMP COVER 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7,001	122,151,620	CARRIDETOR ASSIV	.		
7-003 113-150-160 PUMP COVER 1 1						
7-004 957-150-100 GASKET/DIAPHRAGM KIT 1 SCREEN 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1		
7-006 7-007 122-151-400 DISK 1 1 7-008 100-150-350 SAFETY WASHER 1 1-7-010 115-150-560 SEAL WASHER 1 1-7-011 031-150-510 CHOKE SHAFT 1 1-7-012 113-150-261 CHOKE SHAFT 1 1-7-013 113-150-380 CHOKE SHUTTER 1 1-7-014 101-150-080 1-7-015 113-150-380 LOCKING SPRING 1 1-7-016 957-150-010 1-021 122-151-121 DIAPHRAGM COVER 1 1-7-022 101-150-400 COVER DISK 1 7-026 107-150-230 T-028 113-150-040 T-029 101-150-480 T-030 122-151-510 MAIN NOZZLE SCREW 1 7-030 122-151-470 IDLE ADJ. SCREW 1 7-031 122-151-480 T-033 113-150-240 T-034 T-035 113-150-250 T-036 T-037 T	1		1			
7-007 122-151-400 DISK 1 7-008 100-150-350 SAFETY WASHER 1 7-010 122-151-551 GOVERNOR VALVE 1 7-011 031-150-010 CHOKE SHAFT 1 7-012 113-150-261 CHOKE SHUTTER 1 7-013 113-150-370 SCREW/TOOTHED WASHER 2 7-014 101-150-080 LOCKING SPRING 1 7-015 113-150-380 LOCKING SPRING 1 7-021 122-151-121 DIAPHRAGM COVER 1 7-022 001-150-140 SCREW 4 7-025 113-150-030 COVER DISK 1 7-026 107-150-230 COVER DISK 1 7-027 107-150-230 MAIN NOZZLE SCREEN 1 7-029 101-150-480 SPRING 1 7-030 122-151-510 MAIN ADJ. SCREW 1 7-031 122-151-470 IDLE ADJ. SCREW 1 7-032 144-151-302 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 SPRING 1 7-037 144-151-310 SPRING 1 7-038 144-151-315 SPRING 1 7-037 144-151-310 SPRING 1 7-037 144-151-310 SPRING 1			·			
7-008					i]
7-009 115-150-560 7-010 122-151-551 GOVERNOR VALVE 1 1	7-007	122-131-400	DISK	1		
7-010 7-011 7-012 7-012 113-150-261 7-013 113-150-370 CHOKE SHAFT 1 7-013 113-150-370 SCREW/TOOTHED WASHER 2 1-7-014 101-150-080 1-7-015 113-150-380 1-7-016 957-150-010 7-021 122-151-121 DIAPHRAGM COVER 1-7-022 001-150-140 7-022 011-150-030 COVER DISK 1 7-026 107-150-230 MAIN NOZZLE SCREEN 1 7-028 113-150-040 7-029 101-150-480 SPRING 1 7-030 122-151-470 DILE ADJ. SCREW 1 7-031 122-151-470 DILE ADJ. SCREW 1 7-032 144-151-380 SPRING 1 7-033 1-350-240 T-034 1-31-50-240 SPRING 1 1 7-031 122-151-370 DILE ADJ. SCREW 1 1 7-032 144-151-310 SPRING 1 1 7-035 122-151-302 THROTTLE SHAFT 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1		
7-011 031-150-010 CHOKE SHAFT 1 1 13-150-261 CHOKE SHUTTER 2 1 13-150-370 SCREW/TOOTHED WASHER 2 2 1 113-150-370 LOCKING SPRING 1 13-150-380 LOCKING BALL 1 1 NEEDLE VALVE ASS'Y 1 1 122-151-121 DIAPHRAGM COVER 1 13-150-030 COVER DISK 1 13-150-030 MAIN NOZZLE SCREEN 1 COVER DISK 1 1 SPRING 1 1 COVER DISK 1 1 SPRING 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1		
7-012	, ,			1		
7-013 113-150-370 SCREW/TOOTHED WASHER 2 7-014 101-150-080 LOCKING SPRING 1 7-015 113-150-380 LOCKING BALL 1 7-016 957-150-010 NEEDLE VALVE ASS'Y 1 7-021 122-151-121 DIAPHRAGM COVER 1 7-022 001-150-140 SCREW 4 7-025 113-150-030 COVER DISK 1 7-026 107-150-240 SPRING RING 1 7-027 107-150-230 MAIN NOZZLE SCREEN 1 7-028 113-150-040 COVER DISK 1 7-029 101-150-480 SPRING 1 7-030 122-151-510 MAIN ADJ. SCREW 1 7-031 122-151-470 IDLE ADJ. SCREW 1 7-032 144-151-480 SPRING 1 7-033 113-150-240 IDLE STOP SCREW 1 7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1				1 .		
7-014				1	ļ	
7-015	7-013	113-150-370	SCREW/TOOTHED WASHER	2	Ì	
7-015	7-014	101-150-080	LOCKING SPRING	,		1
7-016 957-150-010 NEEDLE VALVE ASS'Y 1 7-021 122-151-121 DIAPHRAGM COVER 1 7-022 001-150-140 SCREW 4 7-025 113-150-030 COVER DISK 1 7-026 107-150-240 SPRING RING 1 7-027 107-150-230 MAIN NOZZLE SCREEN 1 7-028 113-150-040 COVER DISK 1 7-029 101-150-480 SPRING 1 7-030 122-151-510 MAIN ADJ. SCREW 1 7-031 122-151-470 IDLE ADJ. SCREW 1 7-032 144-151-480 SPRING 1 7-033 113-150-240 SPRING 1 7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1						
7-021 122-151-121 DIAPHRAGM COVER 1 7-022 001-150-140 SCREW 4 7-025 113-150-030 COVER DISK 1 7-026 107-150-240 SPRING RING 1 7-027 107-150-230 MAIN NOZZLE SCREEN 1 7-028 113-150-040 COVER DISK 1 7-029 101-150-480 SPRING 1 7-030 122-151-510 MAIN ADJ. SCREW 1 7-031 122-151-470 IDLE ADJ. SCREW 1 7-032 144-151-480 SPRING 1 7-033 113-150-240 IDLE STOP SCREW 1 7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1	4			L.		
7-022 001-150-140 SCREW 4 7-025 113-150-030 COVER DISK 1 7-026 107-150-240 SPRING RING 1 7-027 107-150-230 MAIN NOZZLE SCREEN 1 7-028 113-150-040 COVER DISK 1 7-029 101-150-480 SPRING 1 7-030 122-151-510 MAIN ADJ. SCREW 1 7-031 122-151-470 IDLE ADJ. SCREW 1 7-032 144-151-480 SPRING 1 7-033 113-150-240 IDLE STOP SCREW 1 7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1	1					
7-025 113-150-030 COVER DISK 1 7-026 107-150-240 SPRING RING 1 7-027 107-150-230 MAIN NOZZLE SCREEN 1 7-028 113-150-040 COVER DISK 1 7-029 101-150-480 SPRING 1 7-030 122-151-510 MAIN ADJ. SCREW 1 7-031 122-151-470 IDLE ADJ. SCREW 1 7-032 144-151-480 SPRING 1 7-033 113-150-240 IDLE STOP SCREW 1 7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1						
7-026 107-150-240 SPRING RING 1 7-027 107-150-230 MAIN NOZZLE SCREEN 1 7-028 113-150-040 COVER DISK 1 7-029 101-150-480 SPRING 1 7-030 122-151-510 MAIN ADJ. SCREW 1 7-031 122-151-470 IDLE ADJ. SCREW 1 7-032 144-151-480 SPRING 1 7-033 113-150-240 IDLE STOP SCREW 1 7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1						
7-027 107-150-230 MAIN NOZZLE SCREEN 1 7-028 113-150-040 COVER DISK 1 7-029 101-150-480 SPRING 1 7-030 122-151-510 MAIN ADJ. SCREW 1 7-031 122-151-470 IDLE ADJ. SCREW 1 7-032 144-151-480 SPRING 1 7-033 113-150-240 IDLE STOP SCREW 1 7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1	' "	110-100-000	OOVER DISK	'		
7-028			SPRING RING	1		
7-029 101-150-480 SPRING 1 7-030 122-151-510 MAIN ADJ. SCREW 1 7-031 122-151-470 IDLE ADJ. SCREW 1 7-032 144-151-480 SPRING 1 7-033 113-150-240 IDLE STOP SCREW 1 7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1	1 1	107-150-230	MAIN NOZZLE SCREEN	1		
7-030 122-151-510 MAIN ADJ. SCREW 1 7-031 122-151-470 IDLE ADJ. SCREW 1 7-032 144-151-480 SPRING 1 7-033 113-150-240 IDLE STOP SCREW 1 7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1				1		
7-031 122-151-470 IDLE ADJ. SCREW 1 7-032 144-151-480 SPRING 1 7-033 113-150-240 IDLE STOP SCREW 1 7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1		101-150-480	SPRING	1		<u> </u>
7-032 144-151-480 SPRING 1 7-033 113-150-240 IDLE STOP SCREW 1 7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1	7-030	122-151-510	MAIN ADJ. SCREW	1		
7-033	7-031	122-151-470	IDLE ADJ. SCREW	1		
7-033	7-032	144-151-480	SPRING	1		
7-034 113-150-230 SPRING 1 7-035 122-151-302 THROTTLE SHAFT 1 7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1						
7-035						
7-036 144-151-315 BUSHING 2 7-037 144-151-310 SPRING 1						
7-037 144-151-310 SPRING 1						
7-038 144-151-320 THROTTLE SHUTTER 1						
7-038 T44-151-320 IHHOTTLE SHUTTER 1	7.000	444.454.000	TUDOTTI 5 01 11 TOTA			
	7-038	144-151-320	THROTTLE SHUTTER	1		
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FIG.8 TOOLS / ACCESSORIES

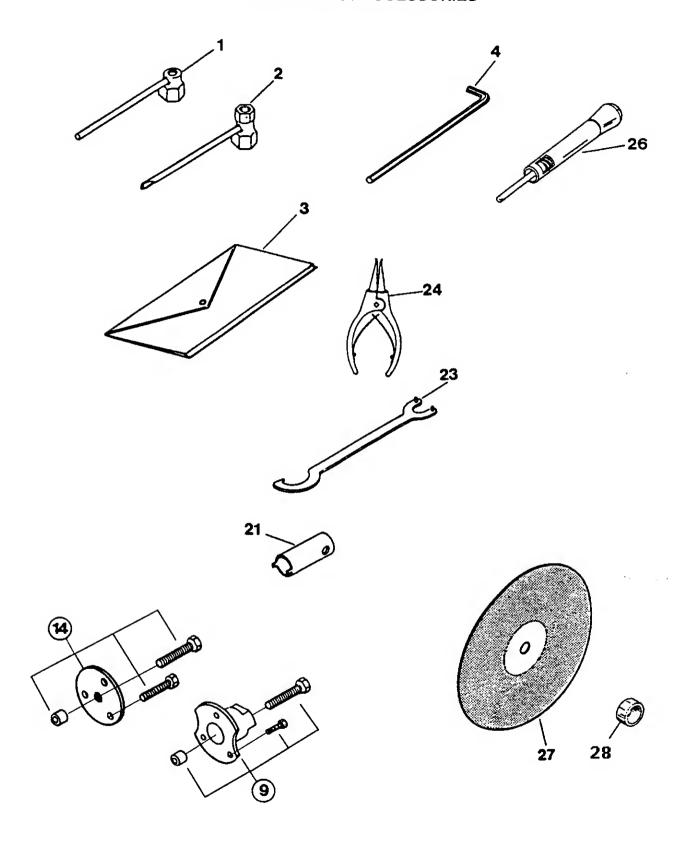


FIG.8 TOOLS / ACCESSORIES

REF.NO	PART NUMBER	DESCRIPTION	OTV	SDI NO	DEMARKS
8-001 8-002 8-003 8-004 8-009 8-014	941-717-001 941-717-191 948-32310-200 944-500-630 957-427-000 957-432-000	WRENCH UNIVERSAL WRENCH PLASTIC BAG ALLEN WRENCH PULLER ASS'Y (FLYWHEEL) PULLER ASS'Y (CLUTCH)	1 1 1 1 1	SRL. NO.	REMARKS
8-021 8-023 8-024 8-026 8-027 8-027 8-028 8-028	942-400-000 946-101-010 950-100-500 965-210-222	SOCKET WRENCH SPANNER WRENCH SNAP RING PLIERS TENSION CHECKER CUTTING BLADE (STONE) CUTTING BLADE (STEEL) BLADE ADAPTER (1") BLADE ADAPTER (7/8")	1 1 1 1 1 1		-
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